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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:17 ; search time 46:88 seconds
(without alignments)
8.427 Million cell updates/sec

Title:	US-09-331-631A-39
Perfect score:	54
Sequence:	1 CXXXCXXXXXXCXXXC 22
Scoring table:	BLOSUM62DX
Gapop:	10.0 , Gapext 0.5
Searched:	174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/iaa/5a_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/6_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/pctus_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

5: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	54	100.0	38	2 US-08-761-248B-11	Sequence 1, Appl
2	54	100.0	39	1 US-08-036-555B-40	Sequence 40, Appl
3	54	100.0	39	1 US-08-469-569-40	Sequence 40, Appl
4	54	100.0	39	1 US-08-390-882A-1	Sequence 1, Appl
5	54	100.0	39	1 US-08-390-882A-2	Sequence 2, Appl
6	54	100.0	39	1 US-08-390-882A-3	Sequence 3, Appl
7	54	100.0	39	1 US-08-249-322A-40	Sequence 40, Appl
8	54	100.0	39	1 US-08-469-526A-40	Sequence 40, Appl
9	54	100.0	39	2 US-08-734-591A-40	Sequence 40, Appl
10	54	100.0	39	2 US-08-469-660-40	Sequence 40, Appl
11	54	100.0	39	4 PCT-US94-05083C-40	Sequence 40, Appl
12	54	100.0	39	4 PCT-US95-06846A-40	Sequence 40, Appl
13	54	100.0	42	2 US-08-761-248B-15	Sequence 15, Appl
14	54	100.0	43	2 US-08-761-248B-13	Sequence 13, Appl
15	54	100.0	44	2 US-08-761-248B-12	Sequence 12, Appl
16	54	100.0	45	1 US-08-632-691-1	Sequence 40, Appl
17	54	100.0	47	3 US-08-482-085B-91	Sequence 91, Appl
18	54	100.0	57	1 US-07-609-715-56	Sequence 56, Appl
19	54	100.0	61	2 US-08-785-530-3	Sequence 3, Appl
20	54	100.0	61	2 US-09-123-850-3	Sequence 13, Appl
21	54	100.0	70	3 US-09-188-930-131	Sequence 12, Appl
22	54	100.0	235	1 US-08-469-667-4	Sequence 1, Appl
23	54	100.0	235	4 PCT-US95-07289-4	Sequence 4, Appl
24	54	100.0	285	3 US-08-422-05B-20	Sequence 20, Appl
25	54	100.0	297	2 US-08-580-545B-6	Sequence 6, Appl
26	54	100.0	297	3 US-09-262-653A-6	Sequence 6, Appl
27	54	100.0	362	1 US-08-415-751-3	Sequence 6, Appl
28	54	100.0	362	1 US-08-411-751-35	Sequence 35, Appl

ALIGNMENTS

RESULT	1	US-08-761-248B-11	; Sequence 11, Application US/08761248B
PATENT NO.	5938735	GENERAL INFORMATION:	
APPLICANT:	ROWLEY, DAVID R.	TITLE OF INVENTION:	UROGENITAL SINUS DERIVED GROWTH
NUMBER OF SEQUENCES:	15	FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES	
CORRESPONDENCE ADDRESS:	Jenkins & Gilchrist	ADDRESSEE:	Jenkins & Gilchrist
STREET:	1100 Louisiana, Suite 1800	CITY:	Houston
STATE:	TX	COUNTRY:	USA
ZIP:	77002	COMPUTER READABLE FORM:	
MEDIUM TYPE:	Diskette	COMPUTER:	IBM Compatible
OPERATING SYSTEM:	DOS	SOFTWARE:	FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:			
APPLICATION NUMBER:	US/08/751,248B	FILING DATE:	06-DEC-1996
CLASSIFICATION:	435	PRIOR APPLICATION DATA:	
APPLICATION NUMBER:	60/008,348	FILING DATE:	07-DEC-1995
ATTORNEY/AGENT INFORMATION:		ATTORNEY/AGENT INFORMATION:	
NAME:	Turley, Charles P	NAME:	Turley, Charles P
REGISTRATION NUMBER:	35,723	REGISTRATION NUMBER:	35,723
REFERENCE/DOCKET NUMBER:	34012.6	TELECOMMUNICATION INFORMATION:	
TELEPHONE:	(713)9513310	TELEFAX:	(713)9513314
SEQUENCE FOR SEQ ID NO: 11:			
SEQUENCE CHARACTERISTICS:			
LENGTH:	38 amino acids	TYPE:	amino acid
STRANDEDNESS:	single	TOPOLogy:	linear
MOLECULE TYPE:	peptide		

Query Match Best Local Similarity 100.0%; Score 54; DB 2; Length 38;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

ov 1 CXXXCXXXXXXCXXXC 22

Db 10 CTOECVSDSBCADNLKCCSAGC 31 ; Sequence 40, Application US/08469569
; Patent No. 5606032
; GENERAL INFORMATION:
; Sequence 40, Application US/08036555B
; Patent No. 5530109
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
; APPLICANT: Chen, Mao Su; Hiles, Ian
; TITLE OF INVENTION: Gilal Mitogenic Factors, Their
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felife & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/036,555B
; FILING DATE: 24-MAR-1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsai, Christine H.
; REGISTRATION NUMBER: 34,266
; REFERENCE/DOCKET NUMBER: LUD 5250.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 638-3804
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS: Linear
; TOPOLOGY: Linear
; US-08-036-555B-40
; ; Sequence 40, Application US/08469569
; Best Local Similarity 100.0%; Score 54; DB 1; Length 39;
; Query Match 100.0%; Score 54; DB 1; Length 39;
; Best Local Similarity 18.2%; Pred. No. 75;
; Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 CXXXXXXXXXXXXXXXXCXXC 22
; Db 13 CACRCAGAAGGTCTTCCTTC 34
; RESULT 3
; US-08-469-569-40
; ; Sequence 40, Application US/08469569
; Best Local Similarity 100.0%; Score 54; DB 1; Length 39;
; Query Match 100.0%; Score 54; DB 1; Length 39;
; Best Local Similarity 18.2%; Pred. No. 75;
; Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 CXXXXXXXXXXXXXXXXCXXC 22
; Db 13 CACRCAGAAGGTCTTCCTTC 34
; RESULT 4
; US-08-390-882A-1
; Sequence 1, Application US/08390882A
; Patent No. 5688764
; GENERAL INFORMATION:
; APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice

TITLE OF INVENTION: Insecticidal Peptides from Spider Venom
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MADSON & METCALF²
 STREET: 950 FIRST INTERSTATE BUILDING
 CITY: SALT LAKE CITY
 STATE: UTAH
 COUNTRY: USA
 ZIP: 84101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,882A
 FILING DATE: No. 5688764 assigned
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 31,398
 REFERENCE/DOCKET NUMBER: 1094.2.1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1799
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 ATTORNEY/AGENT INFORMATION:
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 31,398
 REFERENCE/DOCKET NUMBER: US/08/390,882A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1700
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acids
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHETICAL: no
 ANTI-SENSE: no
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 ORGANISM: Calisoga sp.
 INDIVIDUAL ISOLATE: peptide A
 ORGANELLE: venom glands
 US - 08 - 390 - 882A - 1
 Query Match 100 %; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
 QY 1 CXXCXXXXXXXCCXXXC 22
 Db 15 CSGNCGTFWTCFIRKDPCSKEC 36
 RESULT³ 5
 US-08-390-882A-2
 Sequence 2, application US/08390882A
 GENERAL INFORMATION:
 Patent No. 5688764
 APPLICANT: Kral, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
 TITLE OF INVENTION: Insecticidal Peptides from Spider Venom
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MADSON & METCALF
 STREET: 950 FIRST INTERSTATE BUILDING
 CITY: SALT LAKE CITY
 STATE: UTAH
 COUNTRY: USA
 ZIP: 84101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,882A
 FILING DATE: No. 5688764 assigned
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 31,398
 REFERENCE/DOCKET NUMBER: 1094.2.1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1700
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acid

STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHETICAL:
 ANTI-SENSE: no
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: peptide C
 ORGANELLE: venom glands

US-08-390-882A-3

Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0;
 Qy 1 CXXXCXXXXXXXXXXXXCXXX 22
 Db 15 CS6SGGIFWTCYLRKDPSCSKEC 36

RESULT 7

US-08-249-322A-40

Sequence 40, Application US/08249322A
 Patent No. 5716930

GENERAL INFORMATION:

APPLICANT: Goodearl, Andrew; Stroobant, Paul;
 APPLICANT: Minghetti, Luisa; Waterfield, Michael;
 APPLICANT: Chen, Maio Su; Hiles, Ian

TITLE OF INVENTION: Glial Mitogenic Factors, Their Preparation and Use

NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:

ADDRESSEE: Feltie & Lynch
 STREET: 805 Third Avenue
 CITY: New York City
 STATE: New York
 COUNTRY: USA
 ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
 COMPUTER: IBM
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/249, 322A
 FILING DATE: 26-MAY-1994
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/036, 555
 FILING DATE: 24-MAR-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/965, 173
 FILING DATE: 23-OCT-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/940, 389
 FILING DATE: 03-SEP-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/907, 138
 FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/863, 703
 FILING DATE: 03-APR-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: U-K-91 07566-3
 FILING DATE: 10-APR-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: U-K-91 07566-3
 FILING DATE: 10-APR-1991

TELECOMMUNICATION INFORMATION:

NAME: Teal, Christine H.
 REGISTRATION NUMBER: 34-266
 REFERENCE/DOCKET NUMBER: LUD 250-4
 TELEPHONE: (212) 688 9200

RESULT 8

US-08-469-526A-40

Sequence 40, Application US/08469526A
 Patent No. 5792849

GENERAL INFORMATION:

APPLICANT: Goodearl, Andrew
 APPLICANT: Stroobant, Paul
 APPLICANT: Minghetti, Luisa
 APPLICANT: Waterfield, Michael
 APPLICANT: Marchionni, Mark
 APPLICANT: Chen, Maio Su

TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE

NUMBER OF SEQUENCES: 187

CORRESPONDENCE ADDRESS:

ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469, 526A
 FILING DATE: 06-JUNE-1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/036, 555
 FILING DATE: 24-MAR-1993

APPLICATION NUMBER: 07/965, 173
 FILING DATE: 23-OCT-1992

APPLICATION NUMBER: 07/940, 389
 FILING DATE: 03-SEP-1992

APPLICATION NUMBER: 07/907, 138
 FILING DATE: 03-JUN-1992

APPLICATION NUMBER: 07/863, 703
 FILING DATE: 03-APR-1992

APPLICATION NUMBER: U-K-91 07566-3
 FILING DATE: 10-APR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Bleker-Brady, Kristina
 REGISTRATION NUMBER: 39-109
 REFERENCE/DOCKET NUMBER: 04585/00200A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200
 TELEFAX: 617-428-7045

INFORMATION FOR SEQ ID NO: 40:

SEQUENCE CHARACTERISTICS:
 LENGTH: 39

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-469-526A-40

TELEFAX: (617) 428-7045
TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:

Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-734-591A-40

RESULT 9
US-08-734-591A-40
; Sequence 40, Application US/08734591A
; Patent No. 5854220
; GENERAL INFORMATION:

Matches	4;	Conservative	18;	MisMatches	0;	Indels
Qy	1	CXXCXXXXXXXXXXXXCXXXC	22			
Dy	13	CACRCAGAAGGCTTCCTCCTC	34			

RESULT 10
 US-08-469-660-40
 ; Sequence 40, Application US/08469660
 ; Patent No. 5876973
 ; GENERAL INFORMATION:
 APPLICANT: Goodarl, Andrew
 APPLICANT: Stroobart, Paul
 APPLICANT: Minghetti, Luisa
 APPLICANT: Waterfield, Michael
 APPLICANT: Hiles, Ian
 APPLICANT: Marchionni, Mark
 APPLICANT: Chen, Mario
 TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE
 TITLE OF INVENTION: PREPARATION AND USE
 NUMBER OF SEQUENCES: 187
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Ebing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible Pentium
 OPERATING SYSTEM: Windows95
 SOFTWARE: Wordperfect (Version 7.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/734,591A
 FILING DATE: 22-OCT-1996
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/470,335
 FILING DATE: 06-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/036,555
 FILING DATE: 03-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/965,173
 FILING DATE: 23-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/940,389
 FILING DATE: 03-SEP-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/907,138
 FILING DATE: 30-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/863,703
 FILING DATE: 03-APR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: UK 91 07566.3
 FILING DATE: 10-APR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Bicker-Blady, Kristina
 REGISTRATION NUMBER: 39,109
 REFERENCE/DOCKET NUMBER: 04585/00200P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: 200154
 INFORMATION FOR SEQ ID NO: 40:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 US-08-469-660-40

Query Match 100.0%; Score 54; DB 2; Length 39;
 Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXKXXXXXXXXXXXXXXCXXC 22
 Db 13 CACRCAGAAGGTCTCTCCCTTC 34

RESULT 11
 PCT-US94-05083C-40
 ; Sequence 40, Application PC/US9405083C

GENERAL INFORMATION:
 APPLICANT: Robert Sklar, Mark Marchionni,
 TITLE OF INVENTION: METHODS FOR ALTERING
 NUMBER OF SEQUENCES: 185
 NUMBER OF INVENTIONS: 185

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 COMPUTER: IBM
 MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
 MEDIUM TYPE: kb storage
 COMPUTER: IBM
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/05083C
 FILING DATE: 05-MAY-94

CLASSIFICATION:
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 08/209, 204

PRIOR APPLICATION DATA:
 FILING DATE: 08-MAR-94

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/059, 022

FILING DATE: 06-MAY-93

ATTORNEY/AGENT INFORMATION:
 NAME: Clark, Paul T.
 REGISTRATION NUMBER: 30, 152

REFERENCE/DOCKET NUMBER: 04585/028W01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070

FILING DATE: 05-MAY-93

ATTORNEY/AGENT INFORMATION:
 NAME: Hanson, Norman D.
 REGISTRATION NUMBER: 30, 946

REFERENCE/DOCKET NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

FILING DATE: 10-APRIL-1991

ATTORNEY/AGENT INFORMATION:
 NAME: Goodearl, Andrew David; Stroobant, Paul;
 APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;

INFORMATION FOR SEQ ID NO: 40:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 PCT-US94-05083C-40

Query Match 100.0%; Score 54; DB 4; Length 39;

Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXXXXCXXC 22
 Db 13 CACRCAGAAGGTCTCTCCCTTC 34

RESULT 12
 PCT-US95-06846A-40
 ; Sequence 40, Application PC/TUS9506846A
 ; GENERAL INFORMATION:
 ; APPLICANT: Goodearl, Andrew David; Stroobant, Paul;
 ; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;

APPLICANT: Chen, Mario Su; Hiles, Ian
 ->

TITLE OF INVENTION: Glial Mitogenic Factors, Their Preparation and Use
 TITLE OF INVENTION: Preparation and Use
 NUMBER OF SEQUENCES: 178
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Relife & Lynch
 STREET: 805 Third Avenue
 CITY: New York City
 STATE: New York
 COUNTRY: USA

ZIP: 10022
 COMPUTER READABLE FORM:
 COMPUTER: IBM
 MEDIUM TYPE: PC-DOS
 OPERATING SYSTEM: PC-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06846A
 FILING DATE: 25-MAY-1995

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249, 322
 FILING DATE: 26-MAY-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/036, 555
 FILING DATE: 24-MAR-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/965, 173
 FILING DATE: 23-OCT-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/940, 389
 FILING DATE: 03-SEP-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/907, 138
 FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/863, 703
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.K. 91 07566.3
 FILING DATE: 10-APRIL-1991

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 838-3884

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.K. 91 07566.3
 FILING DATE: 10-APRIL-1991

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/846, 555
 FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: LJD 5250.5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200

Query Match 100.0%; Score 54; DB 4; Length 39;
 Best Local Similarity 18.2%; Pred. No. 75;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXXXXCXXC 22
 Db 13 CACRCAGAAGGTCTCTCCCTTC 34

RESULT 13
 US-08-761-248B-15
 Sequence 15, Application US/08761248B
 Patent No. 595875
 GENERAL INFORMATION:
 APPLICANT: ROWLEY, DAVID R.
 TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
 TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES

Fri Mar 2 09:29:45 2001

us-09-331-631a-39.dx.rai

Page 8

Query Match 100.0%; Score 54; DB 2; Length 44;
Best Local Similarity 18.2%; Pred. No. 84;
Matches 4; Conservative 18; Mismatches 0;
Indels 0; Gaps 0;

Qy	1	CXXXXX XXXXXXXXXX X XXXX C	22
		:: : : : : : : : : :	
Db	10	CLHGCDSDCKEGOKCCFDGC	31

Search completed: March 1, 2001, 16:19:17
Job time: 510 sec